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INFORMATION DISCLOSURE	Application Number	09/935,767	2	2 7	1
STATEMENT BY APPLICANT	Filing Date	08/24/2001	5	72	
Date Submitted: April 24, 2002	First Named Inventor	William E. KLUNK	3	وي ا	
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		U.S. Patent	Document		Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
15-	AP	3,257,204		SÜS et al.	06/21/1966	
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DW	A2	WO	97/26919	•	Warner Lambert Company	07/31/1997		
	A3	wo	95/06469	t	Cancer Research Campaign Technology Limted	03/09/1995	•	
	A4	WO	98/17267		Zymogenetics, Inc., Osteoscreen, Inc. and Univ. of Texas Austin	04/30/1998		
	A5	EP	0 081 141	4.	BASF Akiengesellschaft	12/05/1981		
V	A6	EP	0 118 086	4	Hoechst Aktiengesellschaft	03/02/1983		
2	A7	EP	0 287 909	•	Salutar, Inc.	10/26/1988		
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т6	

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Complete if Known Substitute for form 1449B/PTO 09/935,767 **Application Number** INFORMATION DISCLOSURE STATEMENT BY APPLICANT 08/24/2001 **Filing Date** William E. KLUNK **First Named Inventor** Date Submitted: April 24, 2002 16/16 1645 **Group Art Unit**

Examiner Name

Attorney Docket Number

	-	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	т
010	A8	SHI et al., "Antitumor Benzothiazoles, 3. Synthesis of 2-(4-Aminophenyl)benzothiazoles and Evaluation of Their Activities against Breast Cancer Cell Lines in Vitro and in Vivo", J. Med. Chem., 1996, pp. 3375-3384, Vol. 39, The American Chemical Society.	
APR DO	AS 152	CUADRO et al., "Styryl and Azastyryl 1,3-Benzazoles with Antihelmitic Activity", Il Farmaco, 1992, pp. 477-488, Vol. 47, No. 4.	
PADE PKO	HAN O	FOKKEN <i>et al.</i> , "Beitrag zur Darstellung von Verbindungen mit Amidino- bzw. Amidoximstruktur", <i>Pharmazie</i> , 1977, pp. 566-569, Pharmazie 32, H.10 (19).	
M	A11	GROZINGER et al., "Heterocyclic ethenyloxanilates as orally active antiallergic agents, Eur. J. Med. Chem. Chim. Ther., 1985, pp. 487-491, Vol. 20, No. 6.	
771	A12	DRYANSKA, "α-Hydroxybenzylation and Benzylidenation of the Methyl Group in 2-Methyl-1,3-benzoxazole and 2-Methyl-1,3-benzothiazole" Communications, 1976, pp. 37-38.	
	A13	VAZ et al., "6-Substituted 2-(p-aminostyryl)benzothiazole derivatives", Indian J. Chem., 1976, Sect. B, pp. 709-11, Vol. 14B, No. 9.	
	A14	BOGERT et al., "Researches on Thiazoles, XVII. An Investigation of the Connection Between Constitution and Color in the Thioflavine Group", Collection of Czechoslovak Chemical Communications, 1931, pp. 480-498, Vol. 3, The Chemical Laboratories.	
	A15	MARTVOŇ et al., "2-Phenyl-6-Benzothiazolyl Isothiocyanates", Collection Czechoslov, Chem. Commun. 1974, pp. 1356-1365, Vol. 39, No. 5.	
760	A16	KLUNK et al., "Uncharged thioflavin-T derivatives bind to amyloid-beta protein with high affinity and readily enter the brain", Life Sciences, 2001, pp. 1471-1484, Vol. 69, No. 13, Elsevier Pub	
	A17	WANG et al., "Synthesis and evaluation of a radioiodinated benzothiazole derivative as a radioligand for in vivo quantitation of beta-amyloid deposits in aging and Alzheimer's disease", Journal of Labelled Compounds and Radiopharmaceuticals, 2001, pp. S239-S241, Vol. 44, No. Supp. 1.	
	A18	MATHIS et al., "Lipophilic 11C-labelled thioflavin-T analogues for imaging amyloid plaques in Alzheimer's disease", Journal of Labelled Compounds and Radiopharmaceuticals, 2001, pp. S26-S28, Vol. 44, No. Supp. 1.	

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